

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((prepar\$4 or produc\$4 or mak\$3) with (base adj oil or base adj stock) and (bulk or unsupported) near catalyst and molybdenum and tungsten and (catalyst or precursor) same formula).clm.	US-PGPUB	OR	ON	2008/01/22 09:52
S1	1118	208/112.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:01
S2	2	208/112.ccls. and bulk adj metal adj catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:50
S3	2	(208/112.ccls. or 208/121.ccls.) and bulk adj metal adj catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:54
S4	1	208/112.ccls. and 208/121.ccls. and 208/124.ccls. and 208/33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:59
S5	1	208/112.ccls. and 208/121.ccls. and 208/33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:55
S6	1	208/112.ccls. and 208/33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:55
S7	36	208/112.ccls. and 208/121.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:55
S8	4	208/112.ccls. and 208/121.ccls. and 208/124.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 14:04
S9	6	208/112.ccls. and 208/121.ccls. and 208/111.35.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 14:09
S10	276	208/112.ccls. and 208/111.35.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 15:31
S11	13	208/112.ccls. and non-noble adj group adj VIII adj metal	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 14:57
S12	172	208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 15:32
S13	15	208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and non-noble	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/16 07:44

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S14	0	208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/104.ccls. and non-noble	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 16:32
S15	3	208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/104.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 16:34
S16	5	208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/100.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 16:44
S17	0	208/112.ccls. and 208/111.35.ccls. and 208/111.3.ccls. and 208/100.ccls. and 208/78.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 16:44
S18	0	208/112.ccls. and 208/100.ccls. and 208/78.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 16:45
S19	1	208/112.ccls. and 208/100.ccls. and 208/59.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 16:45
S20	4	US-4596785-\$.DID. OR US-5122258-\$.DID. OR US-4902404-\$.DID. OR US-5841013-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 16:25
S21	62	("3459656"   "3594307"   "3660480"   "3673112"   "3716497"   "3755147"   "3766058"   "3798156"   "4019976"   "4021330"   "4022682"   "4243553"   "4528089"   "4591429"   "4595672"   "4622128"   "4626339"   "4632747"   "4650503"   "4650563"   "4663023"   "4668376"   "4698145"   "4705619"   "4716139"   "4721558"   "4831002"   "4902404"   "5122258"   "5138111").PN. OR ("4596785"   "4902404"   "5122258"   "5841013").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/14 16:52
S22	46	("3842121"   "3844975"   "3847963"   "3962135"   "4176090"   "4216188"   "4238364"   "4248739"   "4271043"   "4324695"   "4325847"   "4367163"   "4436832"   "4452910"   "4452911"   "4469813"   "4510257"   "4515901"   "4579832"   "4593135"   "4637991"   "4637992"   "4666877"   "4753909"   "4757040"   "4761391"   "4775461"   "4859648"   "4952544").PN. OR ("4995964").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/15 09:51

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S23	31	("3842121"   "3844975"   "3847963"   "3962135"   "4176090"   "4216188"   "4238364"   "4248739"   "4271043"   "4324695"   "4325847"   "4367163"   "4436832"   "4452910"   "4452911"   "4469813"   "4510257"   "4515901"   "4579832"   "4593135"   "4637991"   "4637992"   "4666877"   "4753909"   "4757040"   "4761391"   "4775461"   "4859648"   "4952544").PN. OR ("4995964"). URPN. and fractionation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/15 09:51
S24	9	("3891539"   "4457831"   "4618412"   "4921595").PN. OR ("5007998"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/16 07:43
S25	6	("3891539"   "4457831"   "4618412"   "4921595").PN. OR ("5007998"). URPN. and fractionation	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/15 12:30
S26	1	("4859311").PN.	USPAT; USOCR	OR	OFF	2005/12/16 08:13
S27	1	("4440871").PN.	USPAT; USOCR	OR	OFF	2005/12/16 08:17
S28	553	SAPO-11	USPAT	OR	OFF	2005/12/16 08:18
S29	282	SAPO-11 and ring	USPAT	OR	OFF	2005/12/16 08:19
S30	40	SAPO-11 same ring	USPAT	OR	OFF	2005/12/16 09:26
S31	0	("3852207415729439045134673487").PN.	USPAT; USOCR	OR	OFF	2005/12/16 09:26
S32	0	("3852207and4157294and3904513and4673487").PN.	USPAT; USOCR	OR	OFF	2005/12/16 09:28
S33	1	("3852207").PN.	USPAT; USOCR	OR	OFF	2005/12/16 09:29
S34	1	("4157294").PN.	USPAT; USOCR	OR	OFF	2005/12/16 09:29
S35	1	("3904513").PN.	USPAT; USOCR	OR	OFF	2005/12/16 09:29
S36	1	("4673487").PN.	USPAT; USOCR	OR	OFF	2005/12/16 10:07
S37	1074	Group adj II and base adj oil	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/16 10:07
S38	29	208/112.ccls.and bulk near catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 15:16
S39	13	208/112.ccls.and bulk near catalyst and molybdenum and tungsten	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 16:45

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S40	1	208/112.ccls.and bulk near catalyst and molybdenum and tungsten and fractionation	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 16:35
S41	1	("5122258").PN.	USPAT; USOCR	OR	OFF	2005/12/19 15:53
S42	6	208/112.ccls.and bulk near catalyst and molybdenum and tungsten and distillation	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 16:45
S43	13	208/112.ccls. and bulk near catalyst and molybdenum and tungsten	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/19 16:45
S44	1	("5543035").PN.	USPAT; USOCR	OR	OFF	2005/12/20 15:44
S45	1	("5993644").PN.	USPAT; USOCR	OR	OFF	2005/12/20 15:44
S46	1	("6162350").PN.	USPAT; USOCR	OR	OFF	2005/12/21 11:02
S47	0	basestock and hydrocarbon near feed with crack\$4 with bulk near catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:01
S48	2	208/112.ccls. and bulk adj metal adj catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:02
S49	16	208/112.ccls. and bulk adj catalyst	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:03
S50	1	208/112.ccls. and bulk adj catalyst and basestock	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:21
S51	2	208/107,108,112.ccls. and bulk adj catalyst and basestock	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:22
S52	2	208/107,108,112,213.ccls. and bulk adj catalyst and basestock	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:22
S53	6	208/107,108,112,213.ccls. and bulk with catalyst and basestock	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:23
S54	7	208/107,108,112,213.ccls. and (bulk or unsupported) near metal near catalyst and (lube or lubricating) adj oil adj (basestock or base or stock)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:25
S55	9	208/107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating) adj oil adj (basestock or base or stock)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:33

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S56	9	208/107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating) adj (basestock or base or stock)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:37
S57	9	208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating) adj (basestock or base or stock)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:37
S58	35	208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:38
S59	31	208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating) and molybdenum and tungsten	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 13:20
S60	1	("5112472").PN.	USPAT; USOCR	OR	OFF	2006/04/03 14:47
S61	1	("4808563").PN.	USPAT; USOCR	OR	OFF	2006/04/03 14:47
S62	1	("4014925").PN.	USPAT; USOCR	OR	OFF	2006/04/03 14:47
S63	1	("4859311").PN.	USPAT; USOCR	OR	OFF	2006/04/03 16:13
S64	1	("3902988").PN.	USPAT; USOCR	OR	OFF	2006/04/04 14:27
S65	29	("3536605"   "3730876"   "3835027"   "4066574"   "4113661"   "4162962"   "4341625"   "4347121"   "4695365"   "4699707"   "4976848"   "5089463"   "5171422"   "5177047"   "5215955"   "5308472"   "5342507"   "5393408"   "5393409"   "5397456").PN. OR ("5543035").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 15:30
S66	1	("5993644").PN.	USPAT; USOCR	OR	OFF	2006/04/05 10:14
S67	20	("3227646"   "4243553"   "4243554"   "4457836"   "4483762"   "4595672").PN. OR ("4705619").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:14
S68	11	S67 not ligand	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:17
S69	0	(S67 and bulk near catalyst) not ligand	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:18

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S70	6	(S67 and bulk) not ligand	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/08 13:18
S71	21	(208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating) and molybdenum and tungsten) not ligand	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 13:23
S72	12	(208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and (lube or lubricating) and molybdenum and tungsten and formula) not ligand	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 13:31
S73	15	(208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and molybdenum and tungsten and (catalyst or precursor) same formula) not ligand	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 13:33
S74	27	(208/106,107,108,112,213.ccls. and (bulk or unsupported) near catalyst and molybdenum and tungsten and (catalyst or precursor) same formula)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/22 09:50